

LOWER COLORADO RIVER BASIN-LAKE MEAD, MEADOW VALLEY WASH

09417500 MEADOW VALLEY WASH AT EAGLE CANYON NEAR URSINE, NV

LOCATION.--Lat 38°00'15", long 114°12'22" referenced to North American Datum of 1927, in NW 1/4 SW 1/4 sec. 25, T.02 N., R.69 E., Lincoln County, Hydrologic Unit 15010013, on left bank, at state highway 322 bridge, 1.2 mi north of Ursine, NV, and 1.3 mi south of Eagle Valley Reservoir State Park.

DRAINAGE AREA.--293 mi².

PERIOD OF RECORD.--August 1962 to September 1974, November 1974 to April 1975 (periodic discharge measurements), and December 2002 to current year. Prior to October 1972 published as Spring Valley Creek near Ursine.

GAGE.--Water-stage recorder. Elevation of gage is 5,670 ft above sea level, from topographic map. Since December 2002, same site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by releases from Eagle Valley Reservoir 1.3 miles upstream.
[See schematic diagram of Lower Colorado River Basins.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 700 ft³/s January 25, 1969, gage height 4.07 ft, (datum then in use), from rating curve extended above 70 ft³/s on basis of two slope-area measurements of peak flow; minimum daily 0.4 ft³/s October 23, 1965.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 40 ft³/s, August 5, gage height, 5.14 ft; minimum daily discharge, 2.8 ft³/s, September 11, 23.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	3.5	e7.2	6.3	8.6	12	6.3	6.7	5.0	4.0	3.4	3.1
2	4.0	3.4	e7.2	6.3	8.2	11	7.0	6.3	4.8	3.7	3.4	3.2
3	4.0	3.5	e7.0	6.7	8.5	11	8.8	6.6	4.8	3.8	e3.4	3.2
4	4.0	3.5	e6.6	6.4	8.2	12	9.3	6.4	4.8	3.8	e3.6	3.1
5	4.0	3.6	e6.8	5.6	8.2	12	9.2	6.4	5.0	3.8	e3.7	3.0
6	4.0	3.6	e7.0	5.2	8.1	13	8.6	6.8	4.9	3.7	3.8	2.9
7	4.1	3.6	e7.9	5.3	8.2	16	9.2	7.0	4.6	3.8	3.7	2.9
8	4.1	3.7	e8.9	5.5	8.1	20	9.1	7.1	4.6	3.7	3.6	2.9
9	4.2	3.8	e7.3	5.6	8.2	19	9.8	7.3	4.4	3.7	3.6	3.0
10	4.3	3.9	e6.6	5.7	7.9	16	9.4	7.7	4.3	3.7	3.5	2.9
11	4.3	3.9	6.6	5.7	8.1	14	8.0	7.5	4.4	3.7	3.4	2.8
12	4.4	4.0	6.6	5.8	8.1	12	7.4	6.9	4.4	3.6	3.4	2.9
13	4.2	4.1	6.7	6.1	8.0	11	7.1	5.9	4.4	3.7	3.5	3.0
14	4.1	3.6	7.0	6.3	8.4	10	6.5	5.0	4.5	3.8	3.5	3.1
15	4.0	3.7	6.8	6.5	9.0	9.4	6.5	4.6	4.3	3.8	3.6	3.1
16	3.9	3.9	6.0	6.8	9.3	8.8	6.3	4.5	4.2	3.9	3.6	3.2
17	3.9	3.9	5.6	6.8	10	8.5	6.2	4.4	4.2	3.9	3.6	3.3
18	3.8	3.9	5.4	7.1	14	8.3	6.8	4.4	4.2	3.9	3.5	3.4
19	3.7	3.9	5.5	7.4	18	8.0	7.0	4.5	4.1	3.9	3.6	3.5
20	3.7	3.9	6.0	7.7	14	7.7	7.3	4.6	4.0	3.8	3.6	3.3
21	3.6	e3.9	7.4	7.5	13	7.7	7.1	4.7	4.0	3.9	3.5	3.0
22	3.5	e4.2	8.7	7.4	13	7.7	6.8	4.6	4.0	3.8	3.5	2.9
23	3.3	e4.9	8.5	7.2	14	7.3	6.4	4.7	3.9	3.8	3.5	2.8
24	3.3	e5.1	8.2	7.3	14	7.3	6.2	4.8	4.0	4.0	3.4	3.1
25	3.3	e5.2	14	7.4	14	7.1	6.3	4.8	3.9	4.0	3.3	3.5
26	3.3	e5.4	20	7.1	15	7.0	6.0	5.0	3.9	4.0	3.2	3.5
27	3.4	e5.3	13	6.9	14	6.9	6.5	4.9	4.0	4.0	3.2	3.6
28	3.5	e5.4	9.1	7.3	13	6.7	6.7	4.8	4.1	3.6	3.2	3.7
29	3.5	e5.9	6.8	7.9	12	6.6	6.6	4.8	4.2	3.4	3.2	3.7
30	3.5	e6.7	6.2	8.5	---	6.6	6.9	4.9	4.3	3.5	3.2	3.7
31	3.6	---	6.1	9.3	---	6.5	---	4.9	---	3.5	3.1	---
TOTAL	118.5	126.9	242.7	208.6	311.1	317.1	221.3	173.5	130.2	117.2	107.3	95.3
MEAN	3.82	4.23	7.83	6.73	10.7	10.2	7.38	5.60	4.34	3.78	3.46	3.18
MAX	4.4	6.7	20	9.3	18	20	9.8	7.7	5.0	4.0	3.8	3.7
MIN	3.3	3.4	5.4	5.2	7.9	6.5	6.0	4.4	3.9	3.4	3.1	2.8
AC-FT	235	252	481	414	617	629	439	344	258	232	213	189

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)

MEAN	3.40	5.07	7.56	8.62	10.3	11.4	12.1	7.43	3.84	3.75	4.80	3.57
MAX	4.62	8.49	18.0	29.0	20.0	27.0	52.9	36.9	6.24	5.81	13.5	6.39
(WY)	(1969)	(1964)	(1967)	(1969)	(1969)	(1969)	(1969)	(1973)	(1973)	(1973)	(1970)	(1963)
MIN	0.82	1.25	2.24	4.59	6.33	6.30	4.43	3.00	2.65	2.71	2.67	2.51
(WY)	(1974)	(1974)	(1974)	(1963)	(1965)	(1972)	(1966)	(1963)	(1964)	(1972)	(1972)	(1972)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1962 - 2004
ANNUAL TOTAL	2,530.8	2,169.7	
ANNUAL MEAN	6.93	5.93	6.79
HIGHEST ANNUAL MEAN			13.8
LOWEST ANNUAL MEAN			4.49
HIGHEST DAILY MEAN	22	Jan 12	220
LOWEST DAILY MEAN	2.6	Aug 5	0.40
ANNUAL SEVEN-DAY MINIMUM	3.0	Jul 31	0.57
MAXIMUM PEAK FLOW		35	700
MAXIMUM PEAK STAGE		5.04	5.04
ANNUAL RUNOFF (AC-FT)	5,020	4,300	4,920
10 PERCENT EXCEEDS	13	9.2	11
50 PERCENT EXCEEDS	4.9	4.8	4.7
90 PERCENT EXCEEDS	3.4	3.4	2.7

e Estimated